FIG.1A

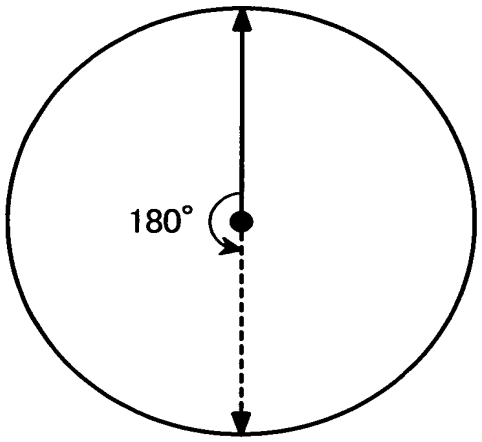


FIG.1B

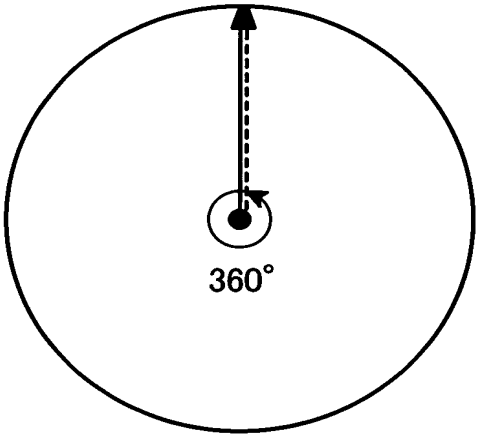


FIG.2A

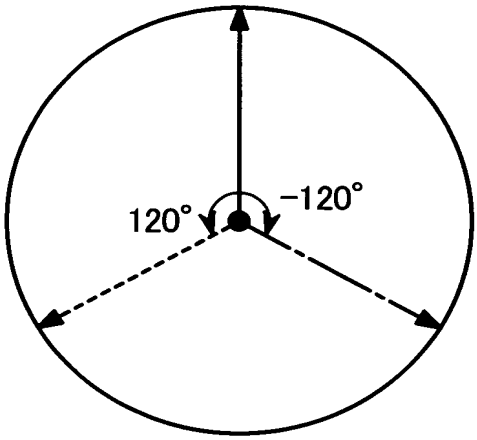


FIG.2B

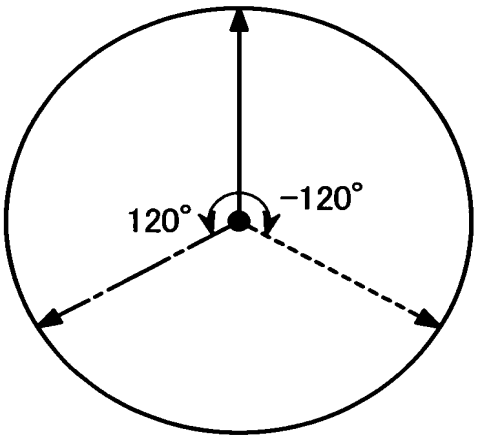


FIG.3

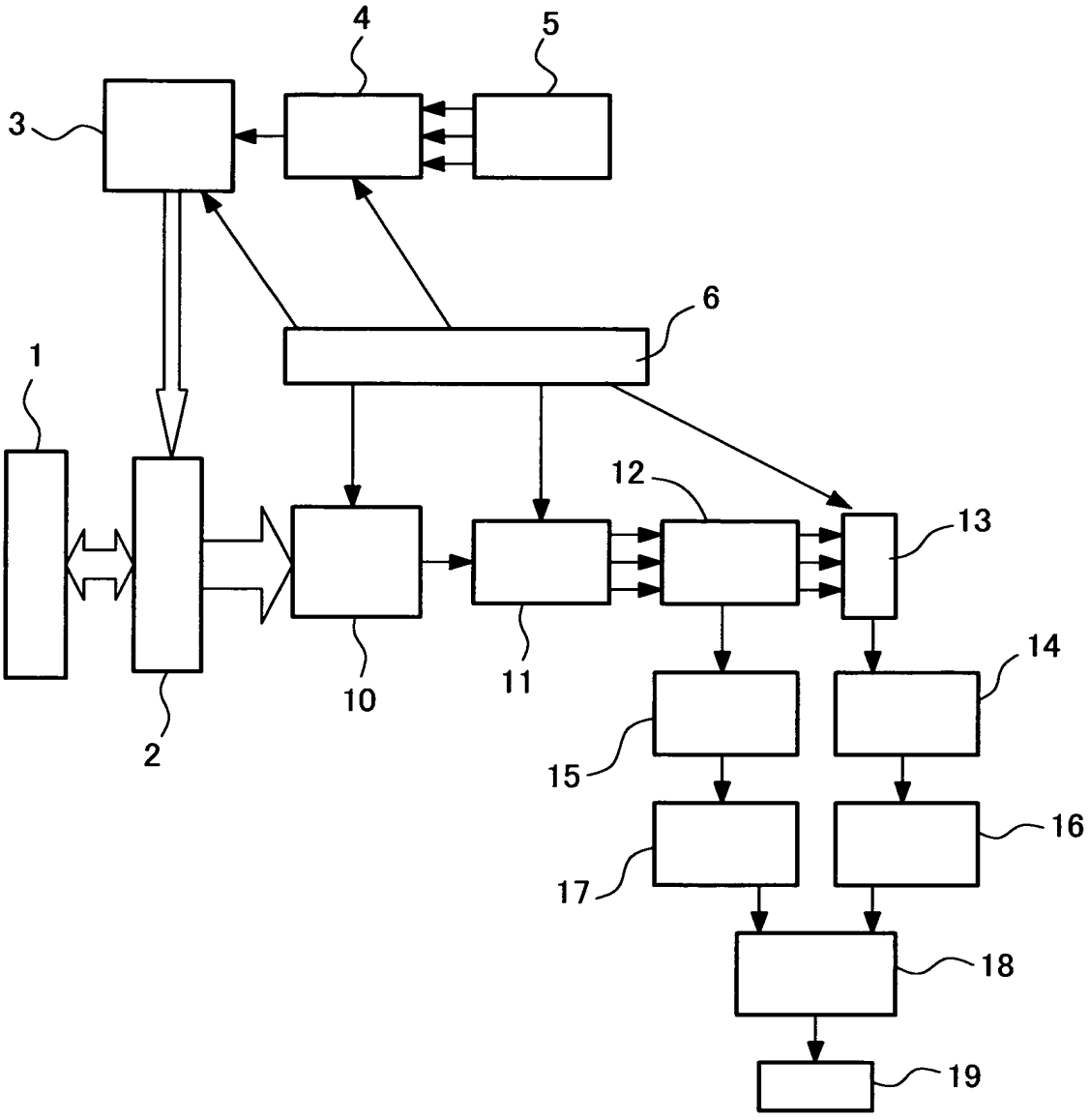


FIG.4A

FIG.4B

FIG.4C

FIG.4D

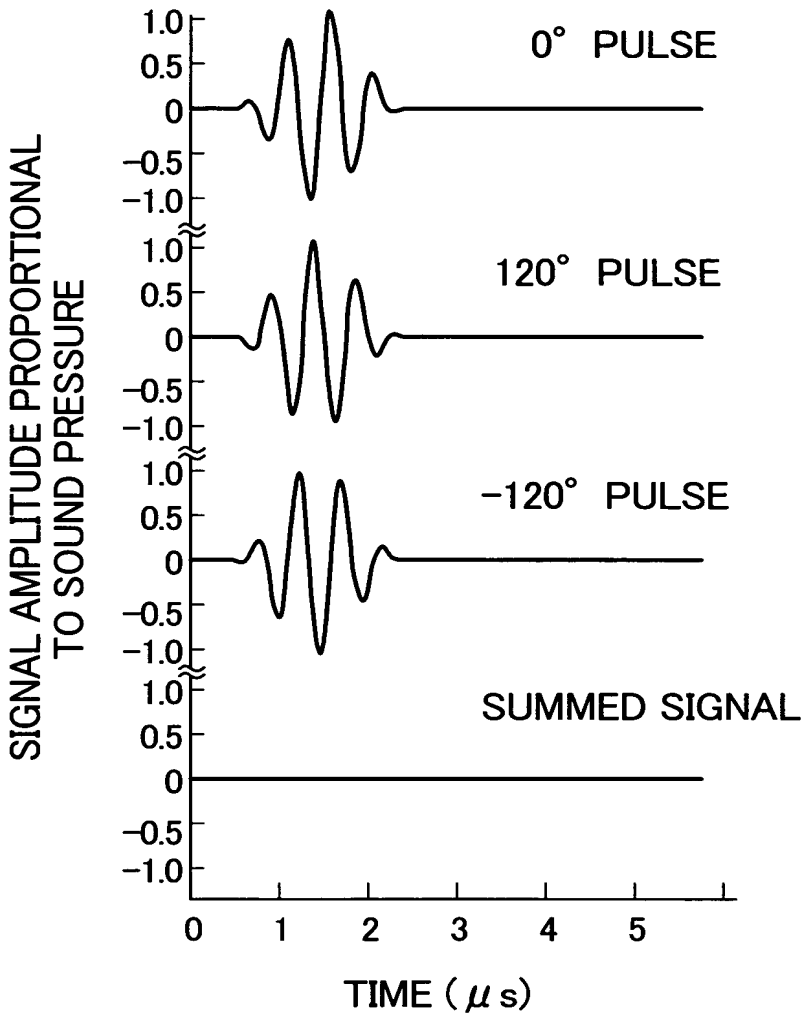


FIG.5A

FIG.5B

FIG.5C

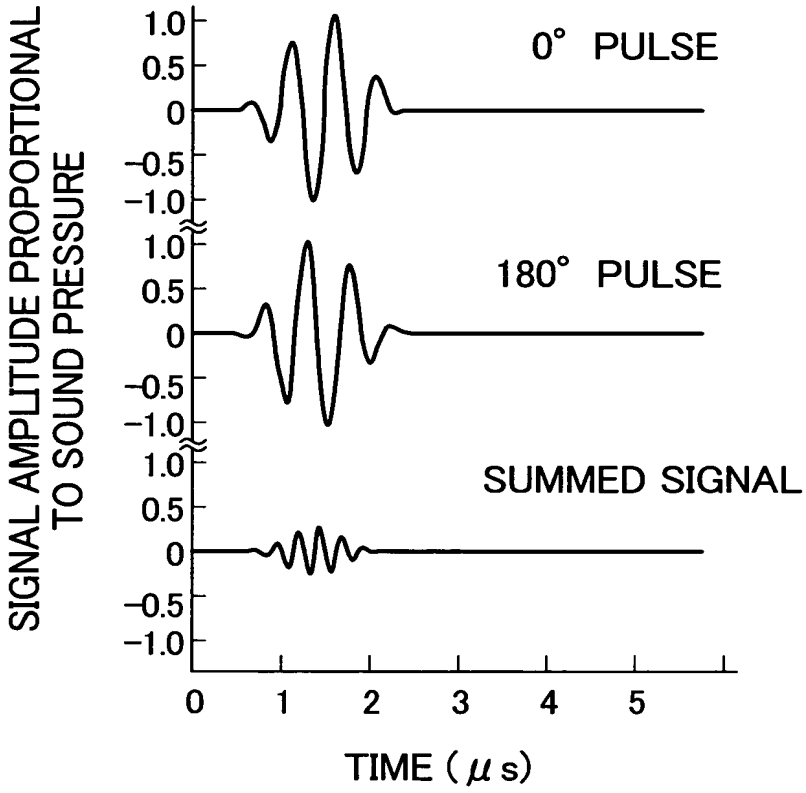


FIG.6A

FIG.6B

FIG.6C

FIG.6D

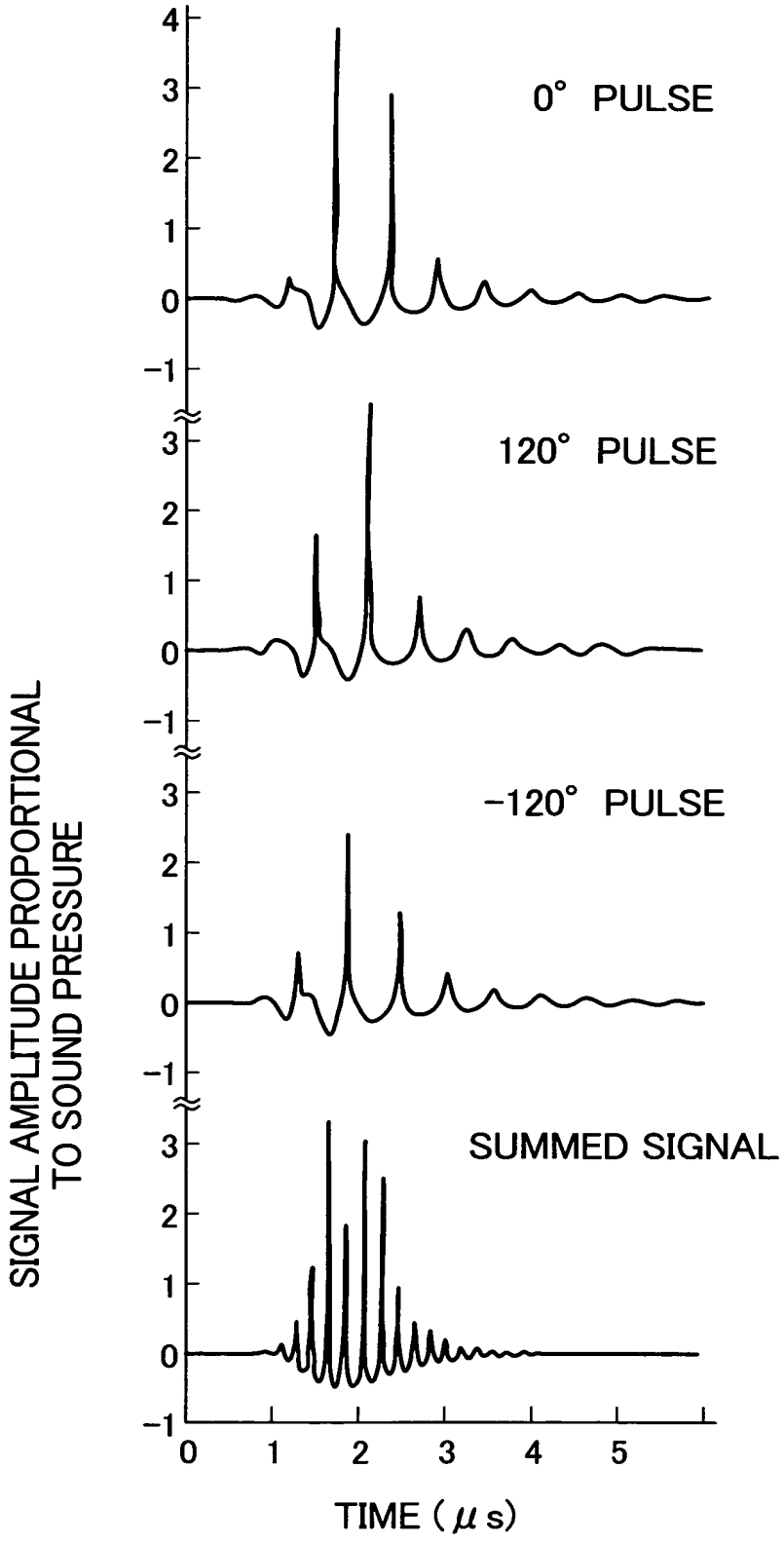


FIG.7A

FIG.7B

FIG.7C

FIG.7D

FIG.7E

FIG.7F

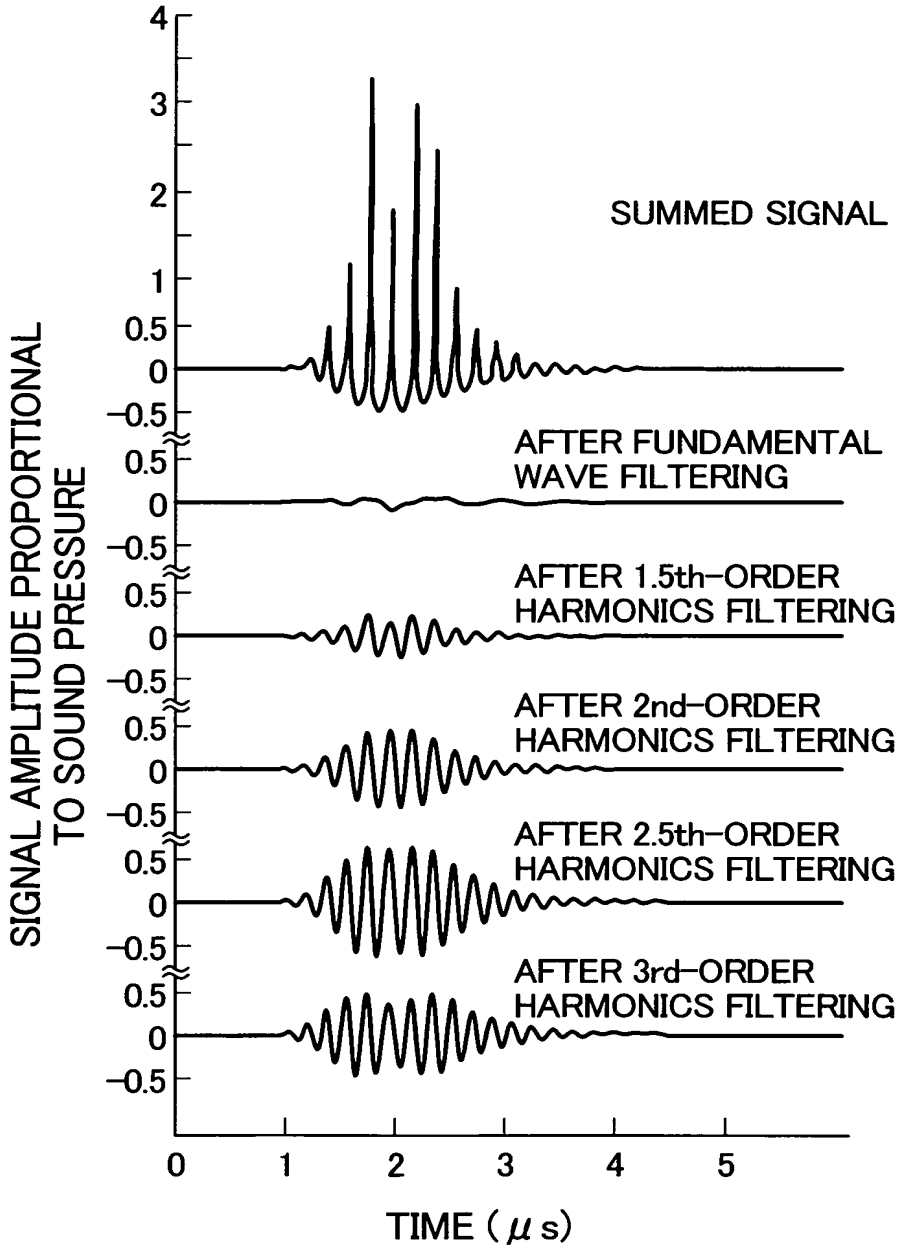


FIG.8A

FIG.8B

FIG.8C

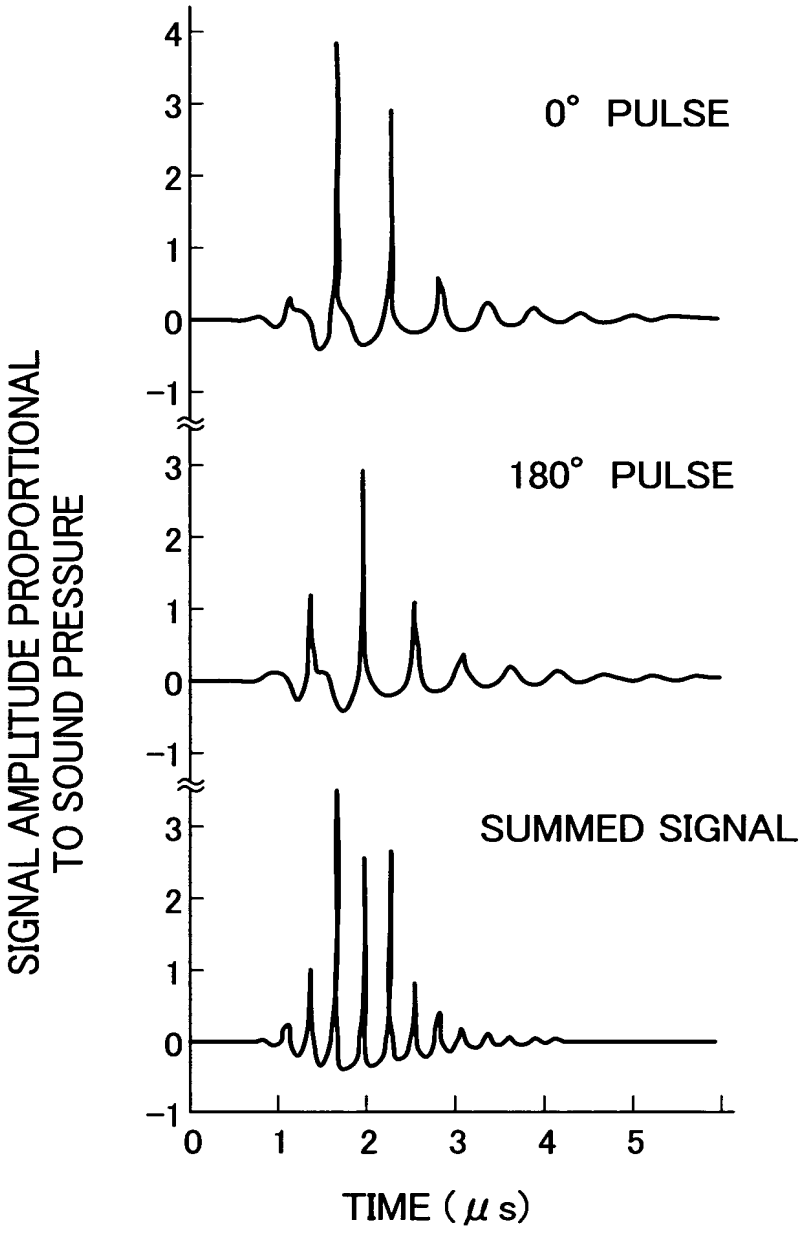


FIG.9A

FIG.9B

FIG.9C

FIG.9D

FIG.9E

FIG.9F

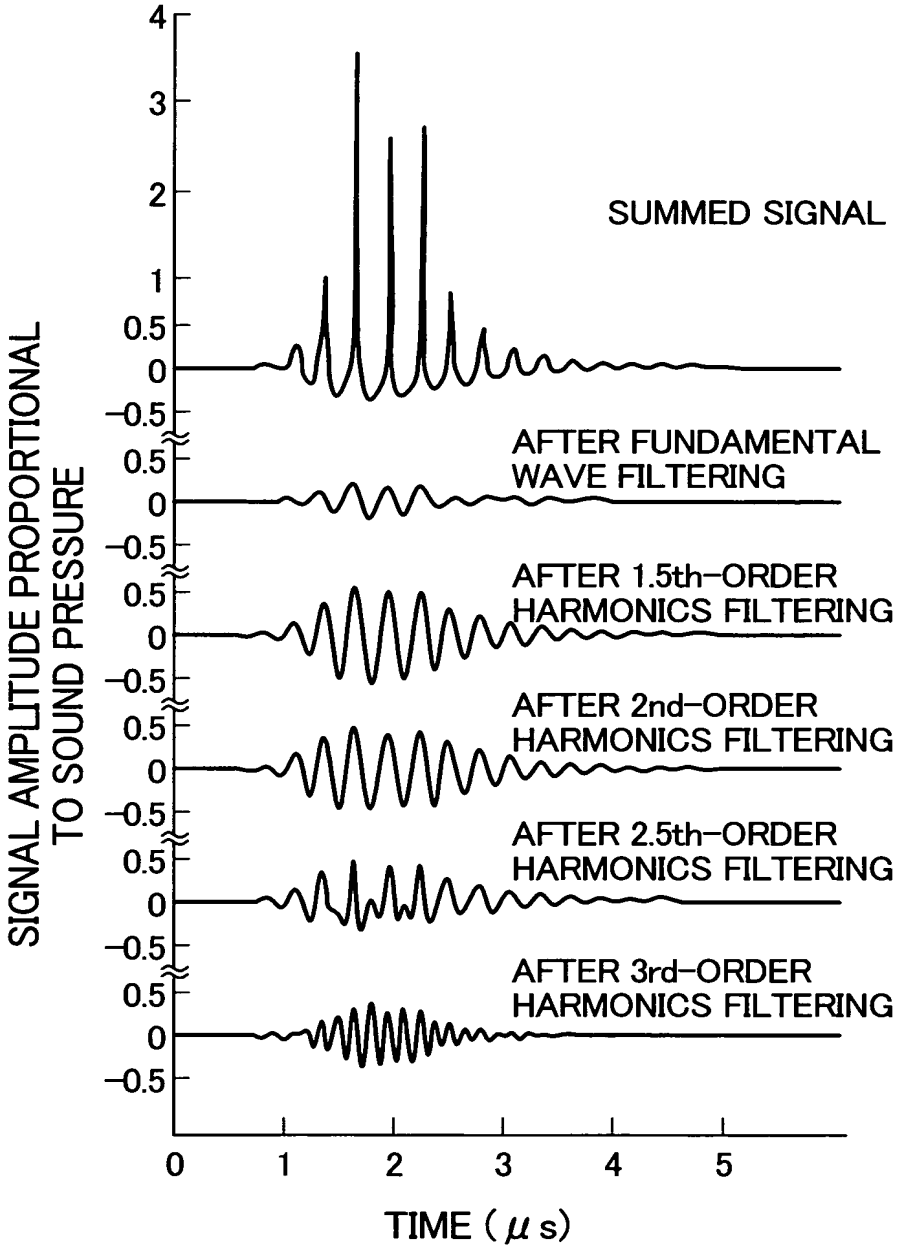


FIG.10A

FIG.10B

FIG.10C

FIG.10D

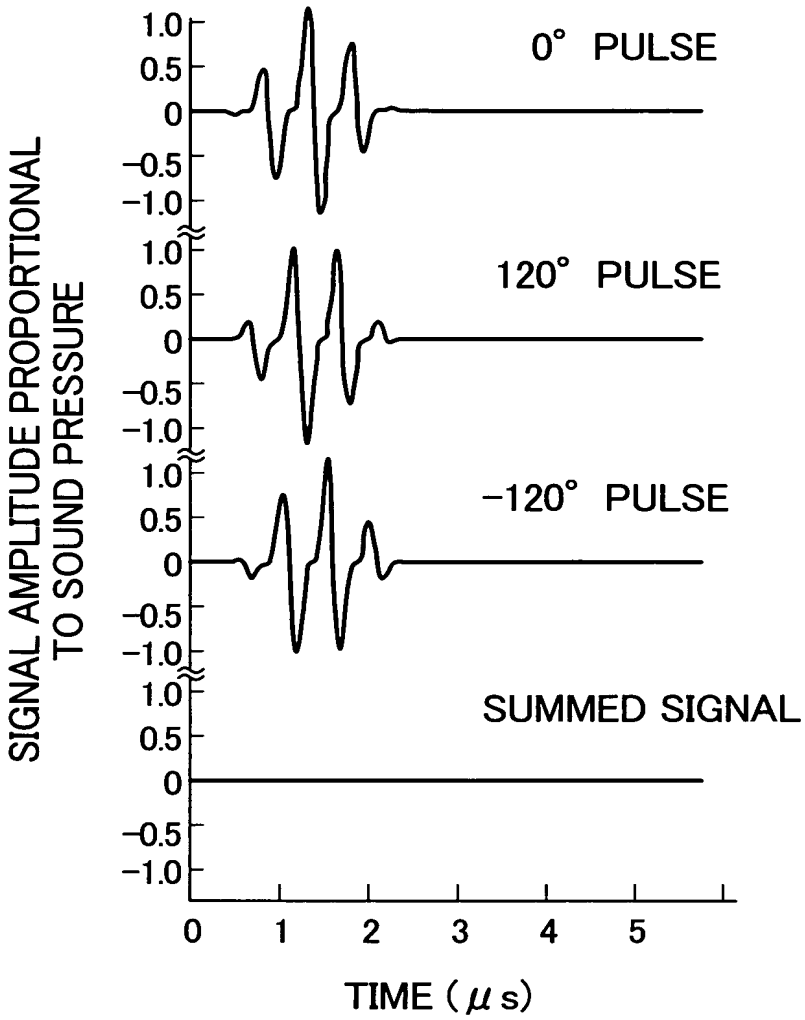


FIG.11A

FIG.11B

FIG.11C

FIG.11D

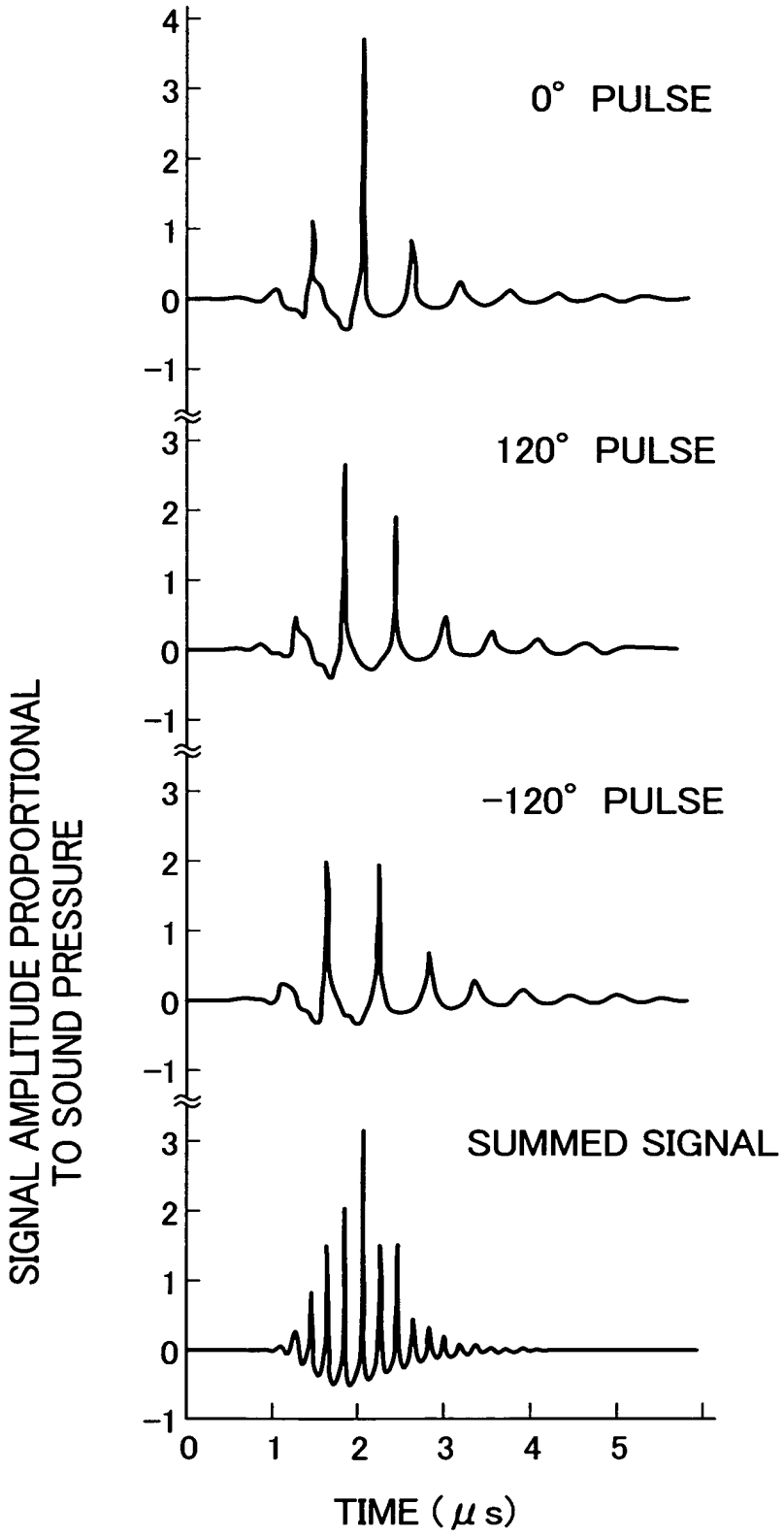


FIG.12A

FIG.12B

FIG.12C

FIG.12D

FIG.12E

FIG.12F

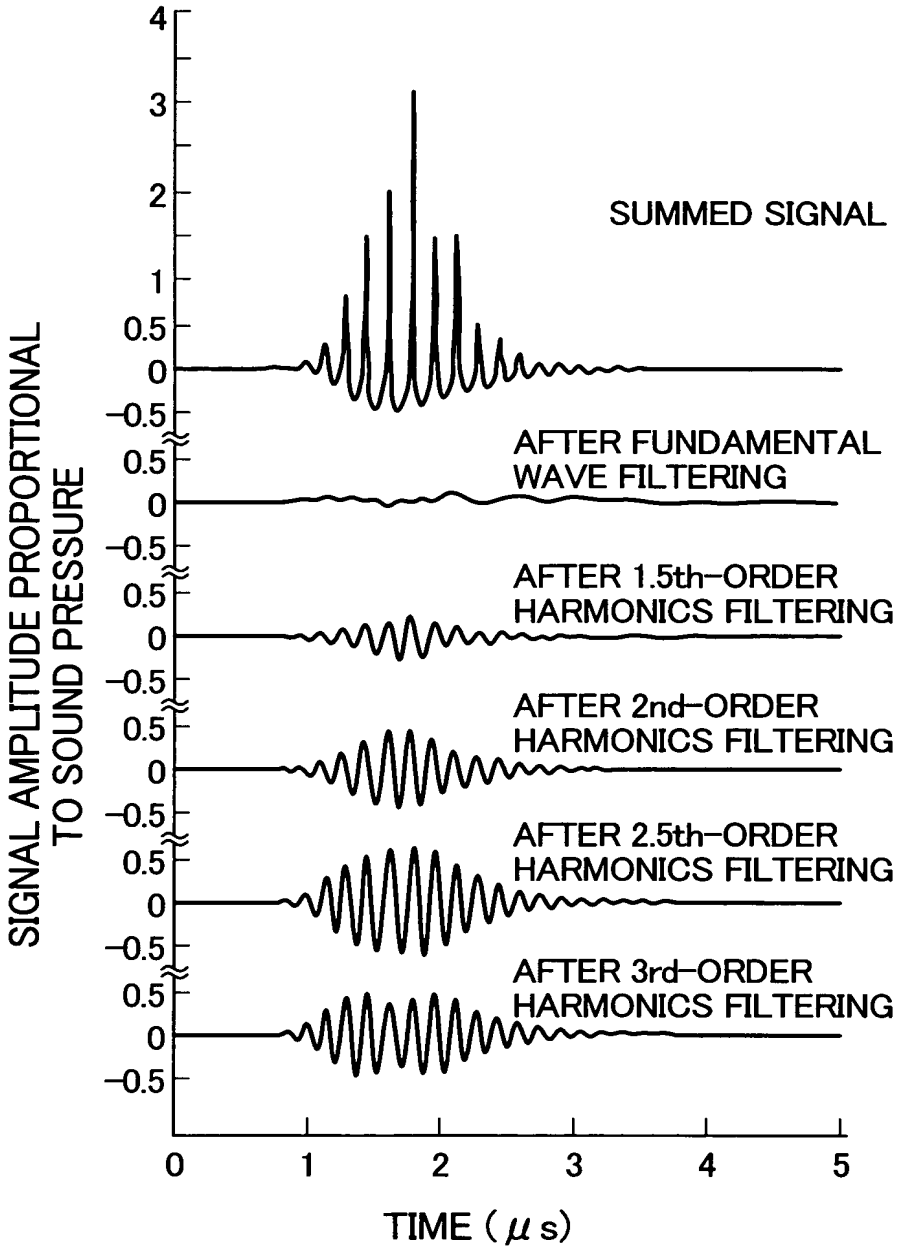


FIG.13A FIG.13B FIG.13C

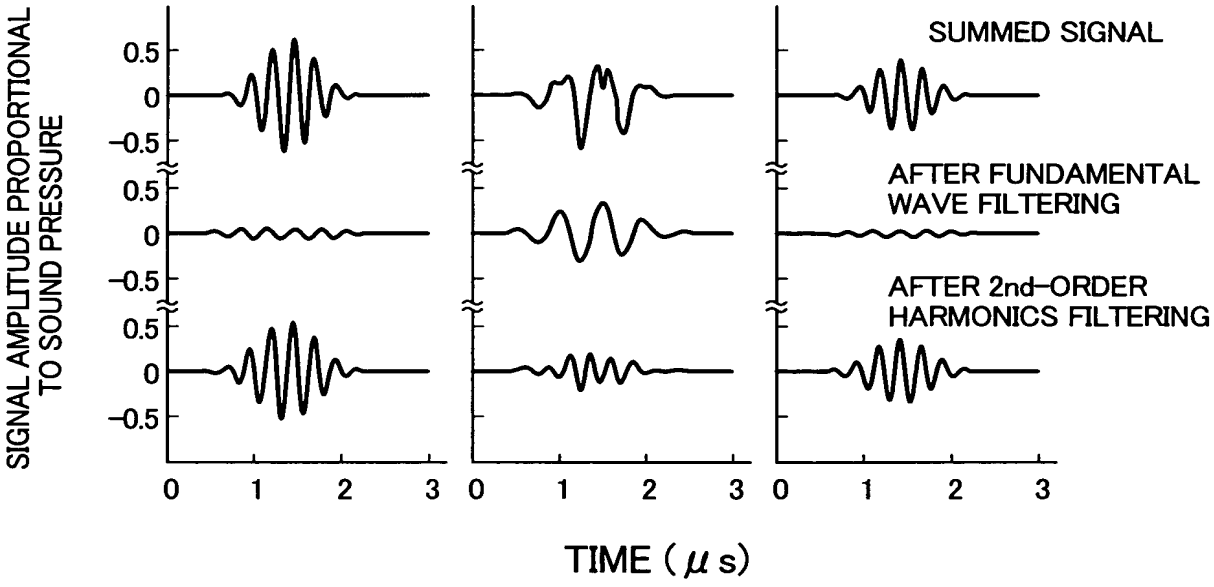


FIG.14

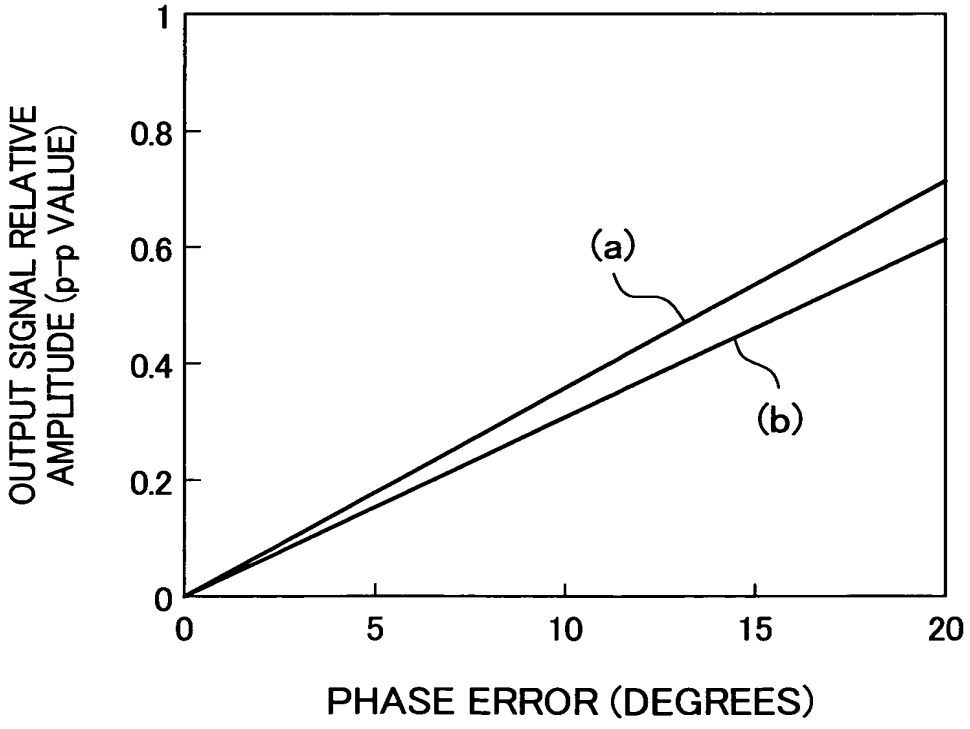


FIG.15A

FIG.15B

FIG.15C

FIG.15D

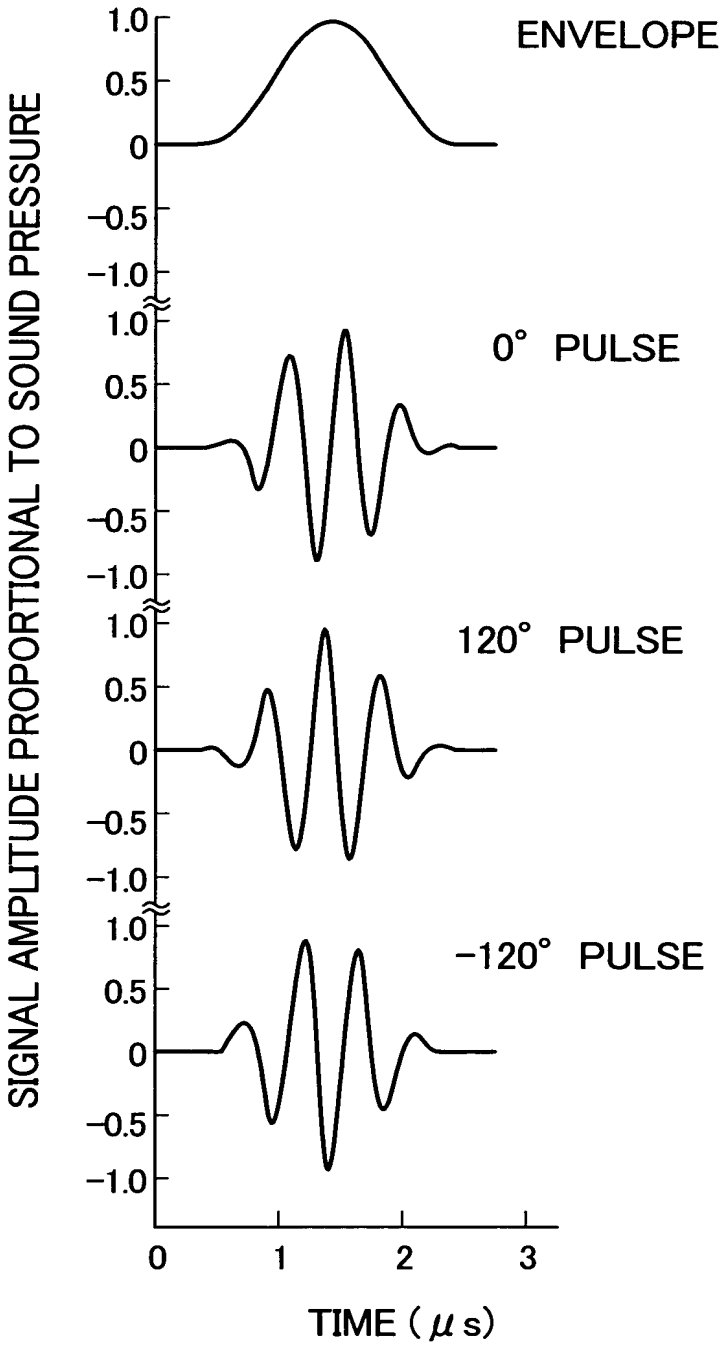


FIG.16A

FIG.16B

FIG.16C

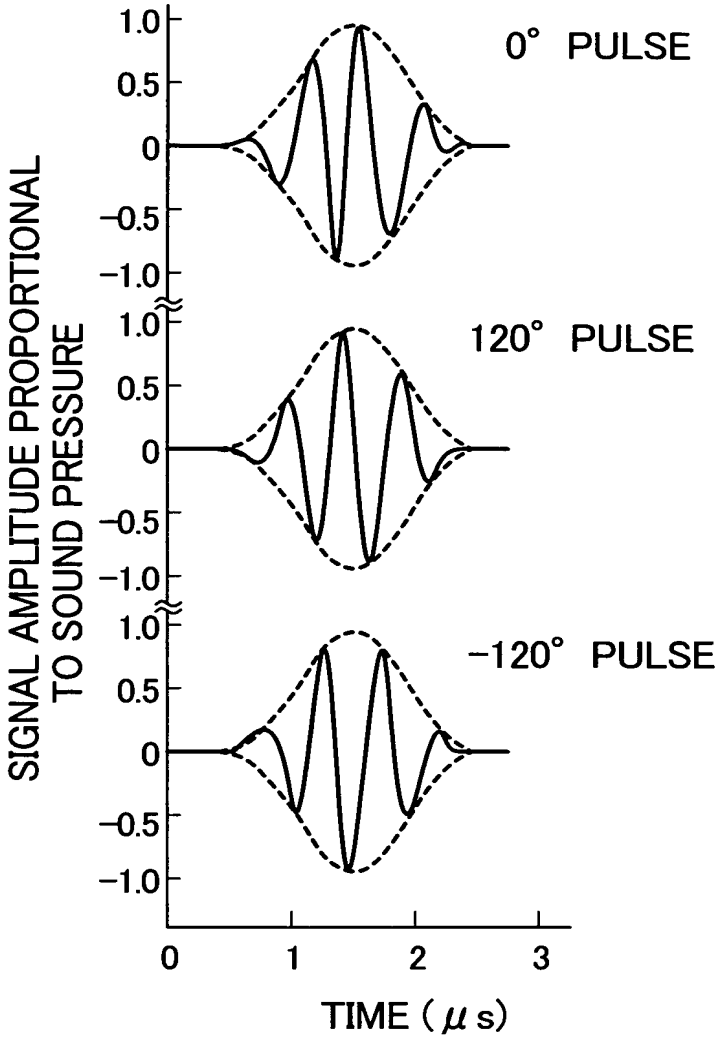


FIG.17

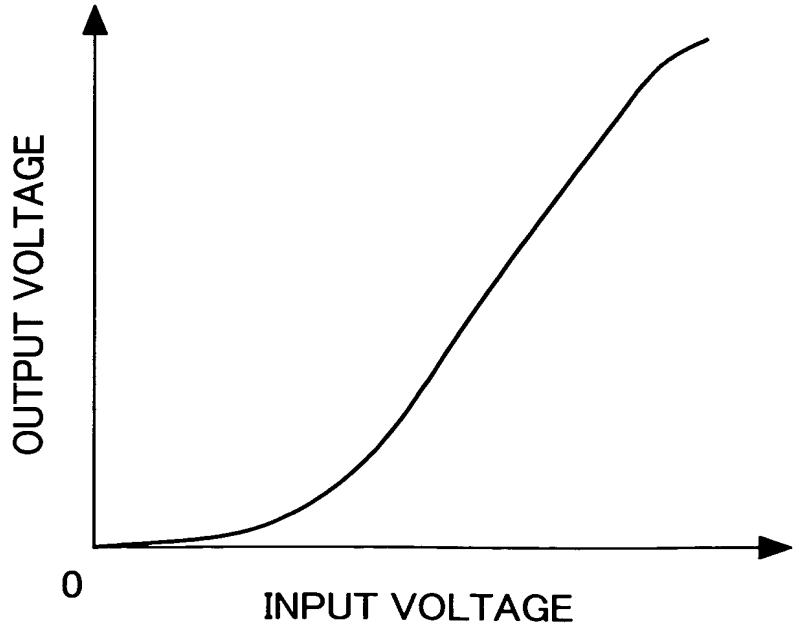


FIG.18A

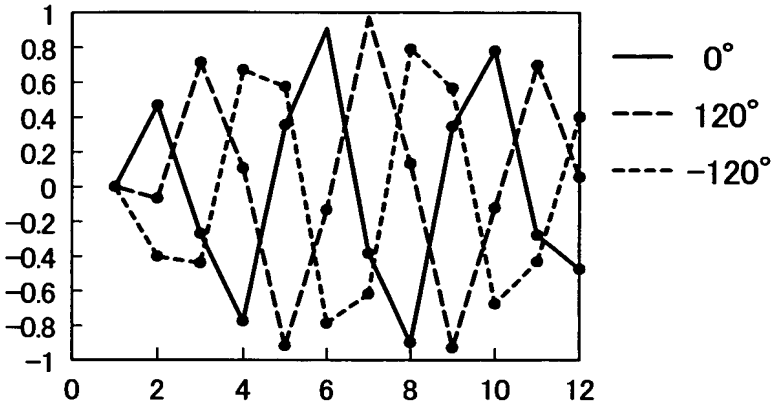


FIG.18B

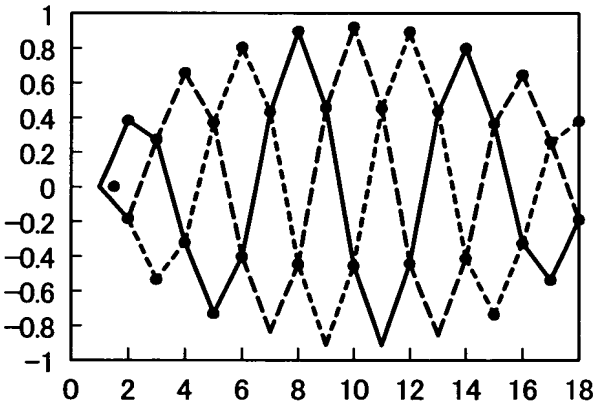


FIG.18C

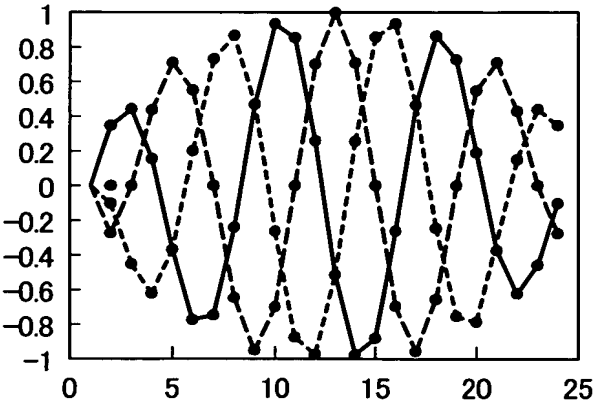


FIG.19A

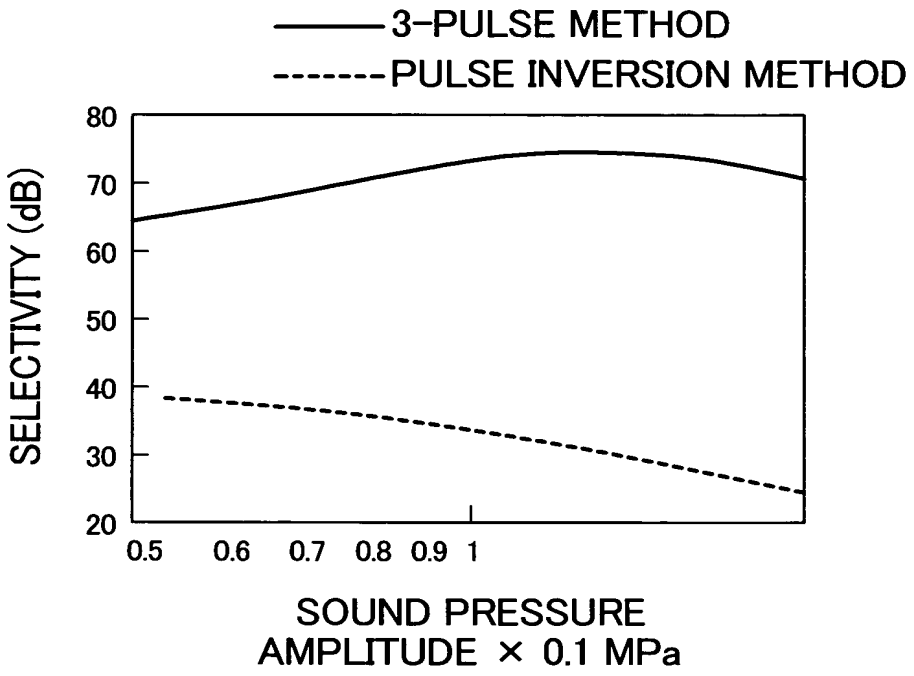


FIG.19B

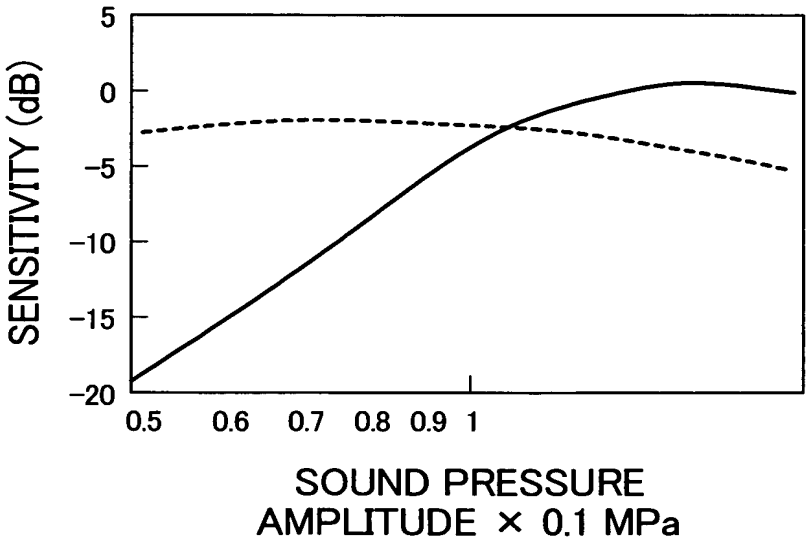


FIG.20

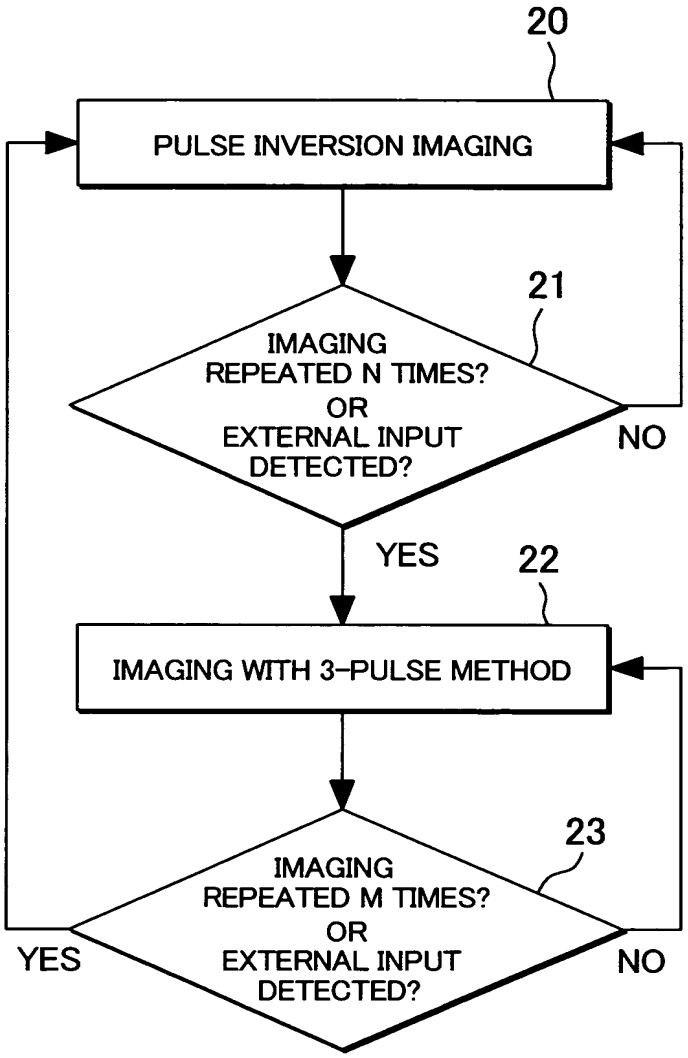
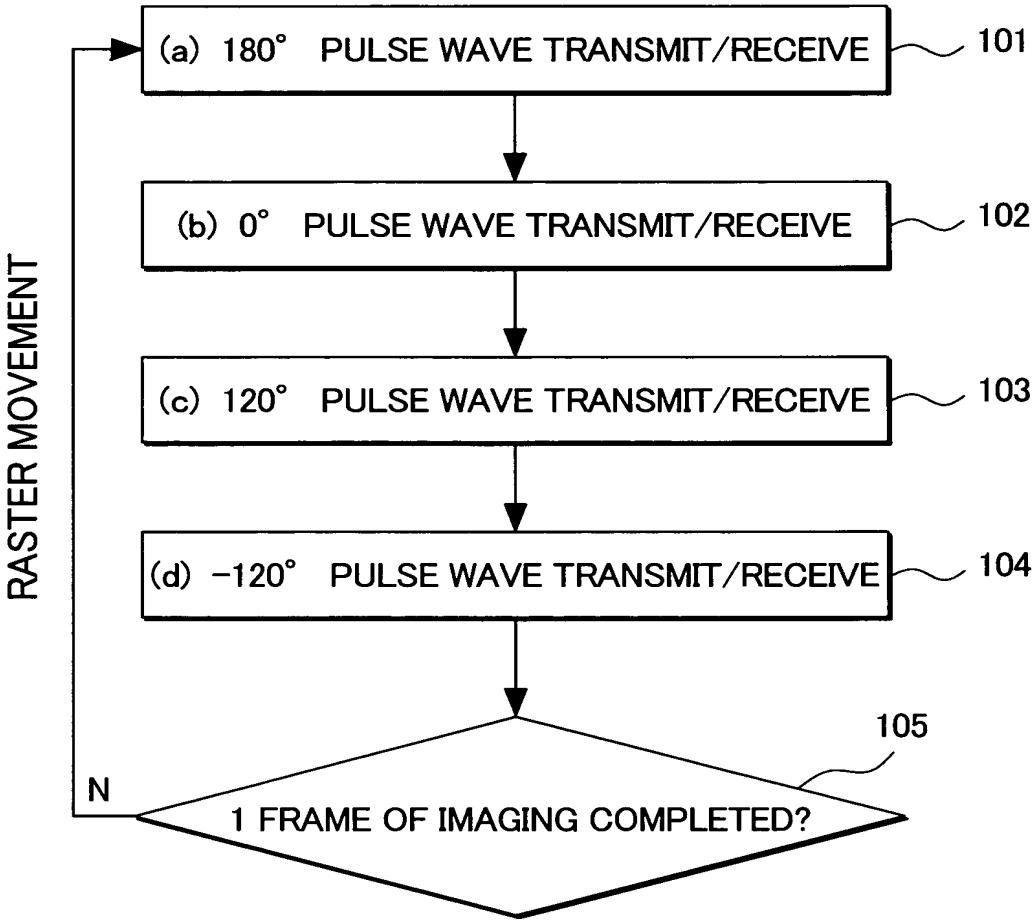

20
PULSE INVERSION IMAGING
21
IMAGING
REPEATED N TIMES?
OR
EXTERNAL INPUT
DETECTED?
NO
YES
22
IMAGING WITH 3-PULSE METHOD
23
IMAGING
REPEATED M TIMES?
OR
EXTERNAL INPUT
DETECTED?
YES
NO

FIG.21


(a) 180° PULSE WAVE TRANSMIT/RECEIVE
101
(b) 0° PULSE WAVE TRANSMIT/RECEIVE
102
(c) 120° PULSE WAVE TRANSMIT/RECEIVE
103
(d) −120° PULSE WAVE TRANSMIT/RECEIVE
104
105
1 FRAME OF IMAGING COMPLETED?
N
RASTER MOVEMENT